

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("4959852").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 10:49
S2	1	("5430855").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 10:49
S3	1	("5752257").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2006/04/11 10:49
S4	1	("5911150").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2006/04/11 10:50
S5	1	("6154850").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2006/04/11 10:50
S6	1	("6487644").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	OFF	2006/04/11 12:26
S7	2896	storage adj assembly	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 12:27
S8	18	S7 and (( (error or fault or failure) with (memory or storage or disk)) same (replac\$4 or remov\$4)) and ( (imag\$4 or transfer\$4 or copy\$4) with (information or data or file))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 12:32
S9	2	("2003/0041283").URPN.	USPAT	AND	ON	2006/04/11 12:32
S10	2095	(711/114).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 12:32
S11	620	(714/7).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 10:35
S12	289	S10 and (( (error or fault or failure) with (memory or storage or disk)) same (replac\$4 or remov\$4)) and ( (imag\$4 or transfer\$4 or copy\$4) with (information or data or file))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 16:51

## EAST Search History

S13	158	S11 and (( (error or fault or failure) with (memory or storage or disk)) same (replac\$4 or remov\$4)) and ( (imag\$4 or transfer\$4 or copy\$4) with (information or data or file))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 12:36
S14	3	S13 and (frame with memory)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 12:36
S15	21	("6038680"   "6047343"   "6108732"   "6141711"   "6182173").PN. OR ("6487623").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 12:39
S16	108	((hot adj swap\$4) with (storage or disk)) and (configur\$4 with (data or file or information)) and (( (error or fault or failure) with (memory or storage or disk)) same (replac\$4 or remov\$4)) and ( (imag\$4 or transfer\$4 or copy\$4) with (information or data or file))	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 16:49
S17	6	("5613059"   "5887128"   "5915081"   "6378038").PN. OR ("6754767").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 16:41
S19	1471	((hot adj swap\$4) or replac\$4) with (fail\$3 or faulty) with (storage or disk))	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 16:50
S20	1045	S19 and ( (imag\$4 or transfer\$4 or copy\$4) with (information or data or file))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:01
S21	301	S20 and (power adj suppl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 16:52
S22	89	S21 and ( (hous\$4 or frame) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 16:53
S23	73	S22 and (configuration with (data or file or information))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 16:54
S24	453	S19 and (configurat\$4 with (storage or disk) with (data or file or information))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:03

## EAST Search History

S25	148	S24 and (power adj suppl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:03
S26	57	S25 and ((hous\$4 or frame) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:42
S27	105	S24 and ((hous\$4 or frame) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:26
S28	1256	(storage adj librar\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:26
S29	29	S28 and (((hot adj swap\$4) or replac\$4) with (fail\$3 or faulty or down or offline or error) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 08:56
S30	13	S29 and (configur\$5 with (information or data or file))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:41
S31	730	RAID and (((hot adj swap\$4) or replac\$4) with (fail\$3 or faulty or down or offline or error) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:41
S32	549	S31 and (configur\$5 with (information or data or file))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:41
S33	129	S32 and ((hous\$4 or frame) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/11 17:42
S34	22	("4183084"   "4504936"   "4604689"   "4667323"   "5010536"   "5148432"   "5239632"   "5263139"   "5274783"   "5295258"   "5333277"   "5371743"   "5377328"   "5379184"   "5390187"   "5412668"   "5467456"   "5536176"   "5544339"   "5600783"   "5611056"   "5730031").PN. OR ("5870630").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 17:46
S35	0	("6961867").URPN.	USPAT	AND	ON	2006/04/11 18:19

## EAST Search History

S36	4	("20030041283"   "20030126315"   "5790775"   "6574753").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 18:20
S37	1371	raid and (configuration adj information)	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 18:21
S38	256	S37 and ((hous\$4 or frame) with (storage or disk))	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 18:47
S39	22	S38 and (((hot adj swap\$4) or replac\$4) with (fail\$3 or faulty or down or offline or error) with (storage or disk))	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 18:23
S40	0	("2003/0182494").URPN.	USPAT	AND	ON	2006/04/11 18:31
S41	1	("6,549,978").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/11 18:39
S43	692	raid and ((configuration adj (information or data)) with (controller or host or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 09:27
S44	150	S43 and ((hous\$4 or frame) with (storage or disk))	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 18:53
S45	100	S44 and ((fail\$3 or faulty) with (storage or disk))	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/11 18:53
S46	10120	(raid or storage or disk) and ((configuration adj (information or data)) with (controller or host or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 09:28
S47	1656	S46 and ((fail\$3 or fault\$1 or error) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 09:28
S48	3312	(raid or storage or disk) same ((configuration adj (information or data)) with (controller or host or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 17:54
S49	937	S48 and ((fail\$3 or fault\$1 or error) with (storage or disk or drive))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 09:29
S50	566	S49 and ( (replac\$4 or remov\$4 or install\$4 or insert\$4) with (raid or storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 09:30

## EAST Search History

S51	127	S50 and ((hous\$4 or frame) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 09:54
S52	34	(transfer\$4 with (configuration adj information)) same ( (storage or disk) same (fail\$4 or fault\$2 or error))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 10:02
S53	1428	((replac\$4 or remov\$4) with (storage or disk or drive or tape)) same ((detect\$3 or find or monitor\$4) with (storage or disk or drive or tape) with (fail\$4 or fault\$2 or error))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 10:21
S54	54	S53 and ((frame and hous\$4) with (memory or tape or drive or storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 10:04
S55	1	"20030126315"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 10:20
S56	1	("6,574,753").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 10:21
S57	1	("5790775").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 10:21
S58	1	"20030041283"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 10:21
S59	1739	((replac\$4 or remov\$4 or install\$4) with (storage or disk or drive or tape)) same ((detect\$3 or find or monitor\$4) with (storage or disk or drive or tape) with (fail\$4 or fault\$2 or error))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 10:22
S60	255	S59 and (configurat\$4 with (storage or disk) with (data or file or information))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 10:23

## EAST Search History

S61	28	("4639864"   "4761785"   "4914656"   "5155845"   "5193175"   "5202887"   "5210866"   "5212784"   "5271012"   "5331646"   "5357509"   "5390186"   "5402428"   "5469453"   "5530850"   "5566316"   "5574863"   "5657439"   "5666512"   "5668943"   "5812748").PN. OR ("5941994").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 10:32
S62	620	(714/7).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 10:36
S63	17	S62 and ((frame or hous\$4) with (memory or storage or disk or drive)) and (power adj suppl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 10:36
S64	4	("6725394").URPN.	USPAT	AND	ON	2006/04/12 10:39
S65	620	(714/7).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 15:14
S66	10	S65 and (storage adj3 library)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 10:58
S67	114	S65 and (configuration adj (information or data))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 11:03
S68	9478	((sav\$4 or stor\$4 or send\$4 or recev\$4 or transfer\$4 or upload\$4 or download\$4 or provid\$4 or getting) adj3 (configuration adj (information or data)))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 11:04
S69	33	S68 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 11:04
S70	28	("4639864"   "4761785"   "4914656"   "5155845"   "5193175"   "5202887"   "5210866"   "5212784"   "5271012"   "5331646"   "5357509"   "5390186"   "5402428"   "5469453"   "5530850"   "5566316"   "5574863"   "5657439"   "5666512"   "5668943"   "5812748").PN. OR ("5941994").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 12:12

## EAST Search History

S71	0	((hot adj swap\$4) with (storage or disk or drive)) same (configuration adj information) same (error or fail\$4 or fault\$2 or crash\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 12:14
S72	38	((hot adj swap\$4) with (storage or disk or drive)) same (error or fail\$4 or fault\$2 or crash\$4)) and (configuration adj information)	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 12:14
S73	38	((hot adj (swap\$4 or add)) with (storage or disk or drive)) same (error or fail\$4 or fault\$2 or crash\$4)) and (configuration adj information)	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 12:15
S74	10	("6178520").URPN.	USPAT	AND	ON	2006/04/12 12:17

# EAST Search History

S75	299	("4057847"   "4100597"   "4449182"   "4672535"   "4692918"   "4695946"   "4707803"   "4769764"   "4774502"   "4821180"   "4835737"   "4894792"   "4949245"   "4968977"   "4999787"   "5006961"   "5007431"   "5033048"   "5051720"   "5073932"   "5103391"   "5118970"   "5121500"   "5123017"   "5136708"   "5136715"   "5138619"   "5157663"   "5210855"   "5245615"   "5247683"   "5253348"   "5261094"   "5265098"   "5266838"   "5269011"   "5272382"   "5272584"   "5276863"   "5277615"   "5280621"   "5283905"   "5307354"   "5311397"   "5311451"   "5317693"   "5329625"   "5337413"   "5351276"   "5367670"   "5379184"   "5379409"   "5386567"   "5388267"   "5402431"   "5404494"   "5423025"   "5426740"   "5430717"   "5430845"   "5432715"   "5432946"   "5438678"   "5440748"   "5448723"   "5455933"   "5460441"   "5463766"   "5471634"   "5473499"   "5483419"   "5485550"   "5485607"   "5487148"   "5491791"   "5493574"   "5493666"   "5513314"   "5513339"   "5517646"   "5519851"   "5526289"   "5528409"   "5530810"   "5533193"   "5535326"   "5542055"   "5546272"   "5548712"   "5555510"   "5559764"   "5559958"   "5559965"   "5560022"   "5564024"   "5566299"   "5566339"   "5568610"   "5568619"   "5572403"   "5577205"   "5579487"   "5579491"   "5579528"   "5581712"   "5581714"   "5584030"   "5586250"   "5588121"   "5588144"   "5592611"   "5596711"   "5598407"   "5602758"   "5604873"   "5606672"   "5608876"   "5615207"   "5621159"   "5622221"   "5625238"   "5627962"   "5628028"   "5630076"   "5631847").PN. OR ("5632021"   "5636341"   "5638289"   "5644470"   "5644731"   "5651006"   "5652832"   "5652839"   "5652892"   "5652908"   "5655081"   "5655083"   "5655148"   "5659682"   "5664118"   "5664119"   "5666538"   "5668943"   "5668992"   "5669009"   "5671371"   "5675723"   "5680288"	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 12:20
4/13/2006 3:30:19 PM C:\Documents and Settings\user\My Documents\EAST\Workspaces\10645061\10645061.wsp					Page 8	



## EAST Search History

S76	15	("5231552"   "5236296"   "5237469"   "5883864"   "5925119"   "5970030"   "6006308"   "6237109"   "6353878"   "6441992"   "6502204").PN. OR ("6725394").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/12 14:39
S77	472304	RAIL	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 15:14
S78	98936	RAIL and ((frame or assembly or hous\$3) with (memory or storage or device or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 15:18
S79	465	S78 and ( (disk or storage) adj3 (error or fail\$2 or fault\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 15:27
S80	363	S79 and ( (remov\$4 or replac\$4 or insert\$4 or switch\$4 or attach\$4) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 15:22
S81	8	S80 and (configuration adj information)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 15:26
S83	763	S77 and (configuration adj information)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 15:26
S84	8	S81 and ( (disk or storage) adj3 (error or fail\$2 or fault\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 15:27
S85	14	("5838891").URPN.	USPAT	AND	ON	2006/04/12 16:10
S86	2062	(raid or storage or disk) same ((configuration adj3 (information)) with (controller or host or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 17:54
S87	342	S86 and ((frame or hous\$4 or chassis) with (memory or tape or drive or storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 17:55
S88	95	S87 and ( (error or fault\$2 or fail\$3 or crash\$4 or down) adj4 (memory or storage or disk)) and ((replac\$4 or remov\$4 or add or adding or install\$4) with (tape or drive or storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/12 17:57

## EAST Search History

S89	19	("5148432"   "5206943"   "5287462"   "5345565"   "5526507").PN. OR ("5838891").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/13 08:54
S90	513	(data with storage with manag\$4) and ( (storage or disk) with (frame or chassis or hous\$4 or backplane)) and ( (error or down or crash\$4 or fault\$2 or fail\$4) adj3 (storage or disk))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 13:28
S91	71	S90 and (((hot adj swap\$4) or replac\$4) with (fail\$3 or faulty or down or offline or error) with (storage or disk))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 09:00
S92	20	S91 and (configuration adj information)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 09:28
S93	1	("2004/0103244").URPN.	USPAT	AND	ON	2006/04/13 09:06
S94	1	("6,542,961").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 09:11
S95	426	(data with storage with manag\$4) and ( (storage or disk) with (frame or chassis or hous\$4 or backplane)) and ( (error or crash\$4 or fault\$2 or fail\$4) adj3 (storage or disk))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 09:22
S96	120	S95 and (configuration adj information)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/13 09:42
S97	862	(714/5).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 09:42
S98	666	(714/42).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 13:28
S99	7	(data with storage with manag\$4) and ( (storage or disk) with (frame or chassis or hous\$4 or backplane)) and S98	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 09:43
S100	620	(714/7).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/13 09:44
S101	0	(S97 or S98 or S100) and ( (configuration adj3 information) with (memory adj3 (portion or sector)))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 09:44

## EAST Search History

S10 2	5	(S97 or S98 or S100) and (configuration ) with (memory adj3 (portion or sector)))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 09:55
S10 3	59	((configuration adj information ) with (memory adj3 (portion or sector)))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:17
S10 4	6	S103 and (storage adj system)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 09:55
S10 6	49	S90 and (memory adj (portion or sector or block))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:17
S10 7	0	S90 and ((memory adj (portion or sector or block)) same (configuration adj (information or data or file)))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 10:18
S10 8	49	S90 and (configur\$4 with (new or replac\$5) with (storage or disk))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	AND	ON	2006/04/13 13:29